

WHAT IS CLAIMED IS:

1. A damping and muffling structure for EL cell, comprising a transparent substrate, a front electrode layer, a lighting layer and an insulating layer for packaging the EL cell, the front electrode layer, lighting layer and insulating layer being sequentially overlaid on the substrate, an inducing layer and at least one conductive layer being laid on the lighting layer, a back electrode layer being laid on the inducing layer, the conductive layer being laid on the lighting layer in such a position as not to affect light emitting of the lighting region, the conductive layer being also laid on at least one side between both the lighting layer and the inducing layer and connected with the back electrode layer, the front and back electrode layers being connected with a driving circuit, the back electrode layer being connected to a grounding electrode of the driving circuit, whereby the conductive layer can conduct the charge accumulating on the inducing layer.
2. The damping and muffling structure for EL cell as claimed in claim 1, wherein the conductive layer is made of conductive material including inorganic metal, organic conductive material and organic/inorganic complex conductive material.
3. The damping and muffling structure for EL cell as claimed in claim 1, wherein the conductive layer is laid on the lighting layer on one side of the inducing layer without affecting the light emitting of the lighting region of the lighting layer, the conductive layer being also laid on the same side between the inducing layer and the back

electrode layer to contact with and electrically connect with the back electrode layer without contacting with the front electrode layer.

4. The damping and muffling structure for EL cell as claimed in claim 1,
5 wherein the front and back electrode layers are respectively connected with two outward extending conductive terminals for connecting with the driving circuit.